

BCM School ,Basant Avenue, Dugri,Ludhiana

Grade 4

Subject: Science

30July,2024

Chapter :Our Green Friends

Case study 1 : The busy garden

In Mr. Green's garden, he grows several types of plants including carrot, tomatoes, Cabbage, cauliflower. He knows that plants make their food through a process called photosynthesis, but he wants to understand how plants use their food

1. How do plants use the food they make through photosynthesis?
2. Explain why the carrot, cabbage, tomatoes in Mr. Green's garden are able to grow and produce fruits or leaves?
- 3 How do non-green plants obtain their food?

Case Study 2: The Mystery Leaf

A Student Alex, is studying a leaf found in their School garden. The leaf is green, has a central vein and several smaller veins coming out from it. He observed that the leaf is flat and has a unique shape.

- Q1. what is the central vein of the leaf called and what is its function?
- Q2. What is the green pigment in leaf that helps in photosynthesis ?
- Q3. why is the leaf flat and what advantage does this shape provides?

Answer the following question

- 1.What would happen if plants did not have enough water?
2. Why is it important to take care of plants and trees?

3. Describe the role of leaves in a plant's life?

4. What would happen if there were no decomposer plants?